



F A C T S H E E T



Depot Maintenance

Facility and Equipment Maintenance

As part of the Department of Defense's (DoD's) Depot Maintenance (DM) Toolbox of applications, the Facilities and Equipment Maintenance (FEM) System has been developed to provide the solution to facility and equipment resource planning.

FEM is adaptable and flexible. Designed for any level user, it can handle all aspects of equipment and facility maintenance, including: Work Order Management, Planning and Scheduling, Asset Management, Purchasing, Resource Management, and Reports and Analysis.

The DM Toolbox is the depot maintenance piece of a Corporate Information Management (CIM) initiative designed to improve management of operations and ensure interoperability across DoD logistics. The DM Toolbox ultimately represents an important milestone in the creation of a seamless logistics system, resulting in a streamlined logistics infrastructure and improved logistics response time.

FUNCTIONS

Work Order Management

- Provides all functionality necessary for processing daily work load

Planning and Scheduling

- Preventive Maintenance Masters are used to generate work orders for regularly performed procedures on either an elapsed time or equipment meter basis
- A Predictive Maintenance Capability is provided through associating PM Masters with pre-set alarm conditions (Condition Monitoring)

Asset Management

- The Job Plans and Work Order Tracking Equipment make up the Asset Management component

Purchasing

- Provides tools for preparing and printing Requisitions and Purchase Orders
- When parts are received, quantity and cost records are updated in the Inventory Module

Joint Logistics Systems Center

SCHEDULED DEPLOYMENTS

Army

Tobyhanna Army Depot (AD)
Letterkenny AD
Corpus Christi AD
Red River AD
Anniston AD

Navy

Norfolk Naval Ship Yard (NSY)
Pearl Harbor NSY
Portsmouth NSY
Puget Sound NSY
Naval Aviation Depot (NADEP)
Jacksonville
NADEP North Island
NADEP Cherry Point

Marine Corps

Marine Corps Logistics Base
(MCLB) - Albany
MCLB - Barstow

Air Force

Warner Robins Air Logistics
Center (ALC)
Oklahoma City ALC
San Antonio ALC
Sacramento ALC
Ogden ALC

Point of Contact

Gary Wells
Project Manager
1864 Fourth Street, Suite 1
JLSC/DMP
WPAFB OH 45433-7131

DSN: 785-0823 Ext. 3056
Comm: (937) 255-0823
Ext. 3056
vergosm@jlsc.wpafb.af.mil

Support Contractors

Project Software and Develop-
ment, Inc. (PSDI)
Ogden Professional Services
BDM Federal
KPMG Peat Marwick LLP
Lockheed Martin

Public Affairs
JLSC/CSS, Bldg. 15
1864 Fourth St., Ste 1
Wright-Patterson AFB OH 45433-7131
Comm: (937) 255-0336
DSN: 785-0336
FAX: (937) 656-4763
Internet <http://www.jlsc.wpafb.af.mil/>
(Current as of January 1996)

Resource Management

- Inventory: Tracks assets, stocked and non-stocked parts; indicates when stock falls below user-defined minimum levels; creates requisitions to restock needed parts, and tallies parts received
- Resources: Provides the resources that are routinely used in maintenance management and are accessed by many FEM modules
- Labor: Contains information about employees, contractors, and crafts
- Calendars: Used to create schedules for equipment, craft and labor records

Reports and Analysis

- Notes: Creates and customizes database tables and application screens. User can query, update, insert and delete data from screens
- Setup: Creates and registers reports and applications
- Utilities: Unique system features that make the database administrator's life easier

BENEFITS

FEM provides significant benefits to DoD operations. The system will improve resource use and increase the efficiency of day-to-day plant maintenance functions. FEM functions as a powerful tool in a cost-effective, asset management program.

Tangible

- Elimination of redundant data entry into multiple systems
- More efficient use of spare parts, material, labor, and the capital equipment inventory
- The ability to identify critical parts needs and availability
- Extended equipment service life through improved maintenance

Intangible

- On-line data input with state-of-the-art information processing
- Contribution to Total Asset Visibility (TAV) across the depot
- Contribution to Total Capacity Visibility (TCV) across the depot

COMPLIANCE WITH REGULATORY REQUIREMENTS

- ISO 9000
- ANSI/NCFL 2540-1-1994
- C-2 Limited Security

ARCHITECTURE

HP9000/K200

MAXIMO

UNIX

ORACLE

TCP/IP

TELNET

486 w/16MB RAM

TCP/IP

TELNET

SUMMARY

FEM provides a faster, more efficient, and ultimately better way to integrate several plant maintenance functions. FEM software is the industry standard and provides a robust solution to Depot facility and equipment management.